

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/063568 A1

(51) International Patent Classification⁷: B64D 11/04,
13/06, F25D 17/02

(21) International Application Number:
PCT/EP2004/014851

(22) International Filing Date:
30 December 2004 (30.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
103 61 645.4 30 December 2003 (30.12.2003) DE

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

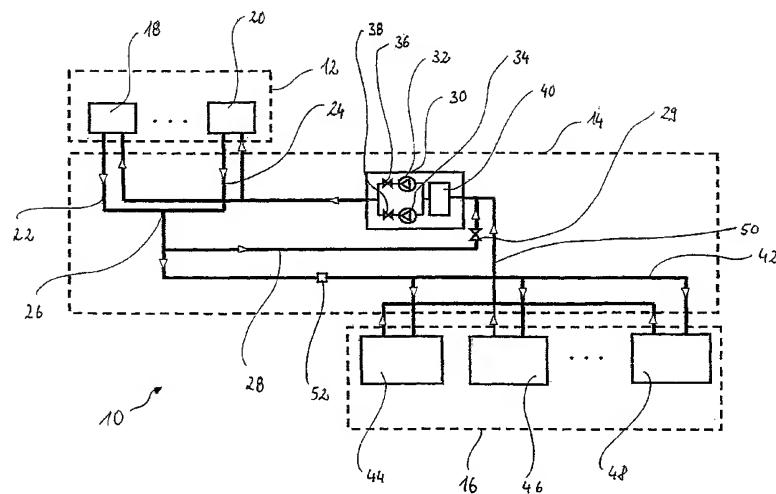
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COOLING SYSTEM FOR THE COOLING OF HEAT-PRODUCING DEVICES IN AN AIRCRAFT



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(57) Abstract: A cooling system (10) for the cooling of heat producing devices (44, 46, 48) in an aircraft is designed with a central cold producing device (12), at least one cold consumer (44, 46, 48) and a cold conveyance system (14) which connects the cold producing device (12) and the cold consumer (44, 46, 48). With this cooling system, the cold conveyance system (14) has at least one cooling circuit which supplies a cooled cold carrier medium from the cold producing device (12) to at least one cold consumer (44, 46, 48) and brings this back to the cold producing device (12), so that at least one cold consumer (44, 46, 48) is supplied with the cold produced in the cold producing device (12) by means of the cold carrier medium circulating in the cooling circuit.